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TITLE : INSECTICIDAL COMPOSITION

ABSTRACT : PURPOSE: An insecticidal composition having remarkable insecticidal effects and safe for men and cattle without environmental pollution, and containing an insecticidal constituent of an unsaturated amide in pepper, or pellitorin of low insecticidal activity and a noninsecticidal constituent piperine as active constituents.

CONSTITUTION: An insecticidal composition containing
N-isobutyl-11-(3,4-methylenedioxyphenyl)-2E,4E-undecadienamide (novel insecticidal compound in pepper),
N-isobutyl-13-(3,4-methylenedioxyphenyl)-2E,4E,12E-tridecatrienamide (the insecticidal activity has been found newly), N-isobutyl-11-(3,4-methylenedioxyphenyl)-2E,4E,10E-undecatrienamide or N-isobutyl-2E,4E-decadienamide (pellitorin) and N-piperidyl-5-(3,4-methylenedioxyphenyl)-2E,4E-pentadienamide (piperine) as active constituents. The effect of the composition is enhanced by adding the piperine thereto.

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